

Y Value Scales Centered on Mean Values  
 Step Between Measured Pole Tips = 1

Regression Line Through Points = ---  
 Dimensions in mm



**LCLS II - SXR Undulator**

Nominal Gap = 10

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

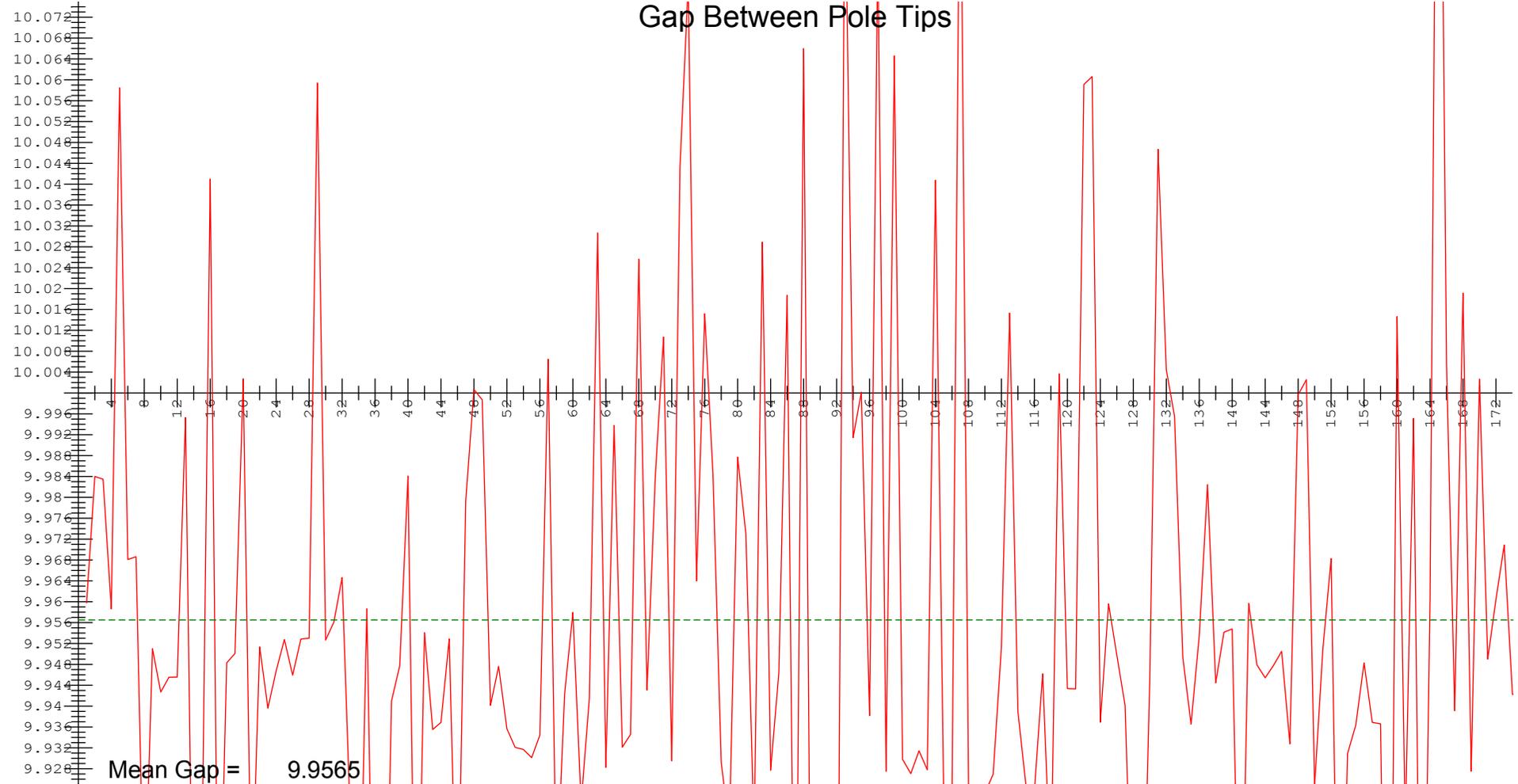
22-NOV-2017

S/N = 004

D/S = 0001

Run = 55

### Gap Between Pole Tips



Step Between Measured Pole Tips = 1

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000 US Encoder = 10.00000 DS Encoder = 0.00000

22-NOV-2017  
 S/N = 004  
 D/S = 0001  
 Run = 55

# Symmetry Point Between Pole Tips



Mean Symmetry Value = -0.7764

Step Between Measured Pole Tips = 1

Dimensions in mm



## LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000    US Encoder = 10.00000    DS Encoder = 0.00000

22-NOV-2017

S/N = 004

D/S= 0001

Run= 55

## Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	4.2170	4.2103	4.1935	4.1866
Bottom	-5.7358	-5.7441	-5.7650	-5.7735

## Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
4.2018	-5.7547	9.9565	-0.7764

## Outside Pole Ends to Ref. Block on Kugler Bench Points Measured with Gap at 10mm during Datuming Procedure

Jaw	Pole #1	Pole #174	Average
Top			
Bottom			
Ave. of Jaws			

Dimensions in mm



### LCLS II - SXR Undulator

Nominal Gap = 10

Gap Reading = 0.00000    US Encoder = 10.00000    DS Encoder = 0.00000

22-NOV-2017

S/N = 004

D/S= 0001

Run= 55